

Baltimore County HIV/AIDS Epidemiological Profile

Fourth Quarter 2009

Data reported through December 31, 2009



Center for HIV Surveillance and Epidemiology
Infectious Disease and Environmental Health Administration
Maryland Department of Health and Mental Hygiene
<http://eh.dhmmh.md.gov/ideah>
1-800-358-9001



HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 became law on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located using DHMH Form 1140.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department using DHMH Form 1140.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located using DHMH Form 1140.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (HIV antibody tests, CD4 immunological tests, HIV viral load tests, HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the State Health Department, using DHMH Form 4492.

For Assistance with HIV Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance and Epidemiology at the Maryland Department of Health and Mental Hygiene (410-767-5061).

Limitations in the HIV/AIDS Data

This epidemiological profile only contains HIV and AIDS data as reported by name. Despite a massive effort during which over 17,000 HIV cases were reported from April 24, 2007 through December 31, 2008, not all HIV cases previously reported by the code-based identifier were located and re-reported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an over-reporting of HIV diagnoses in recent years. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in reported HIV diagnoses.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur at the same time, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, probably many years after the initial HIV infection [time point 1].

Changes in Case Terminology

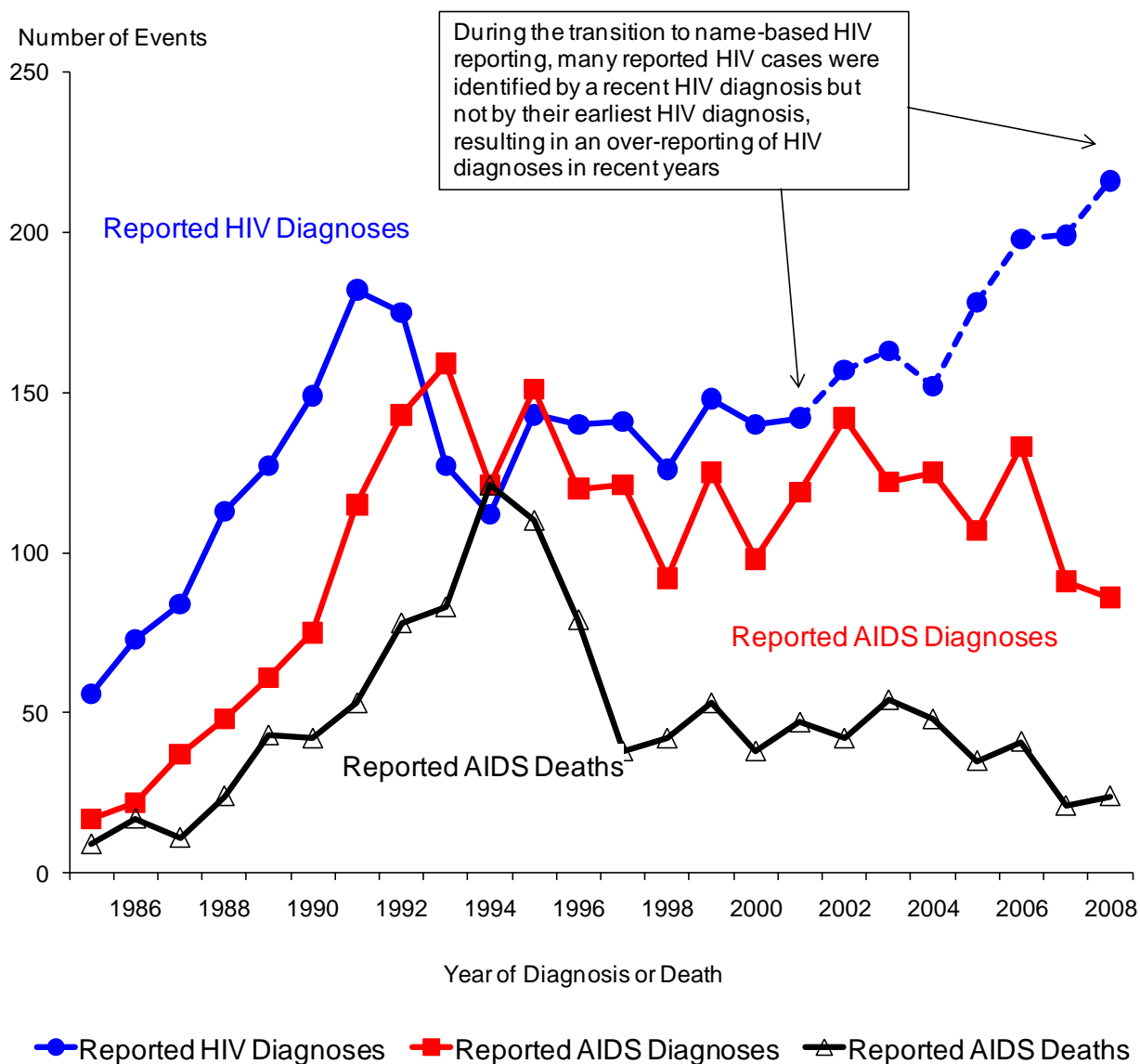
The terminology for HIV and AIDS cases was changed from earlier profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is instead able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting by providers and time for the health department to complete investigations. For example, the Reported HIV Diagnoses for 2008 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/08-12/31/08 as reported by name through 12/31/09.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/08 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/08 as reported by name through 12/31/09.

Section I – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2008

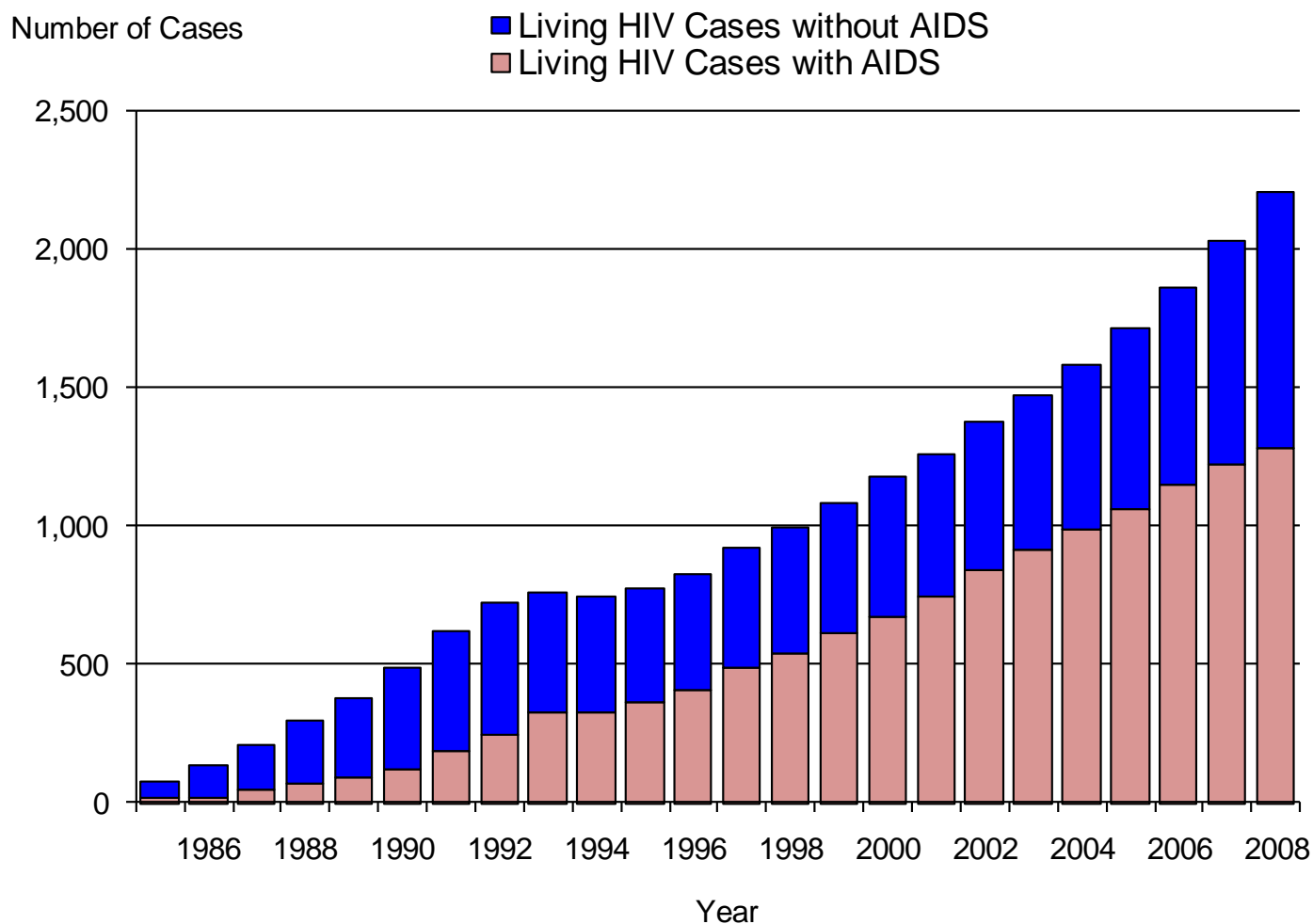
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2008 as Reported by Name through 12/31/09.



YEAR	Reported			YEAR	Reported			YEAR	Reported		
	HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death
1985	56	17	9	1993	127	159	83	2001	142	119	47
1986	73	22	17	1994	112	121	121	2002	157	142	42
1987	84	37	11	1995	143	151	110	2003	163	122	54
1988	113	48	24	1996	140	120	79	2004	152	125	48
1989	127	61	43	1997	141	121	38	2005	178	107	35
1990	149	75	42	1998	126	92	42	2006	198	133	41
1991	182	115	53	1999	148	125	53	2007	199	91	21
1992	175	143	78	2000	140	98	38	2008	216	86	24

Section II – Trends in Living HIV and AIDS Cases, 1985-2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year from 1985 through 2008 as Reported by Name through 12/31/09

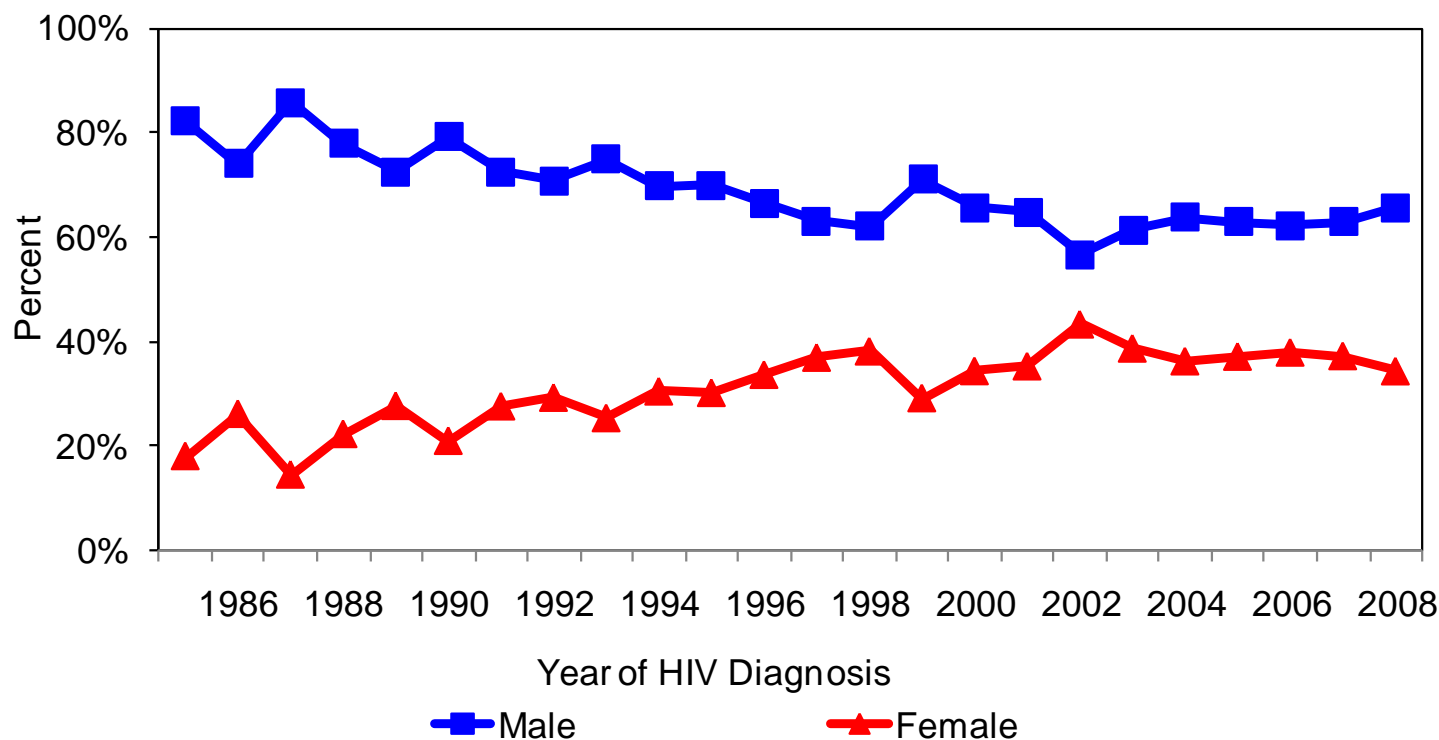


YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*	YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*
1985	61	11	72	1997	430	485	915
1986	112	16	128	1998	454	535	989
1987	159	42	201	1999	475	607	1,082
1988	224	66	290	2000	506	667	1,173
1989	291	84	375	2001	518	739	1,257
1990	366	117	483	2002	531	839	1,370
1991	437	179	616	2003	564	907	1,471
1992	472	244	716	2004	593	984	1,577
1993	435	320	755	2005	656	1,056	1,712
1994	424	320	744	2006	706	1,148	1,854
1995	409	361	770	2007	811	1,218	2,029
1996	417	402	819	2008	925	1,280	2,205

* During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

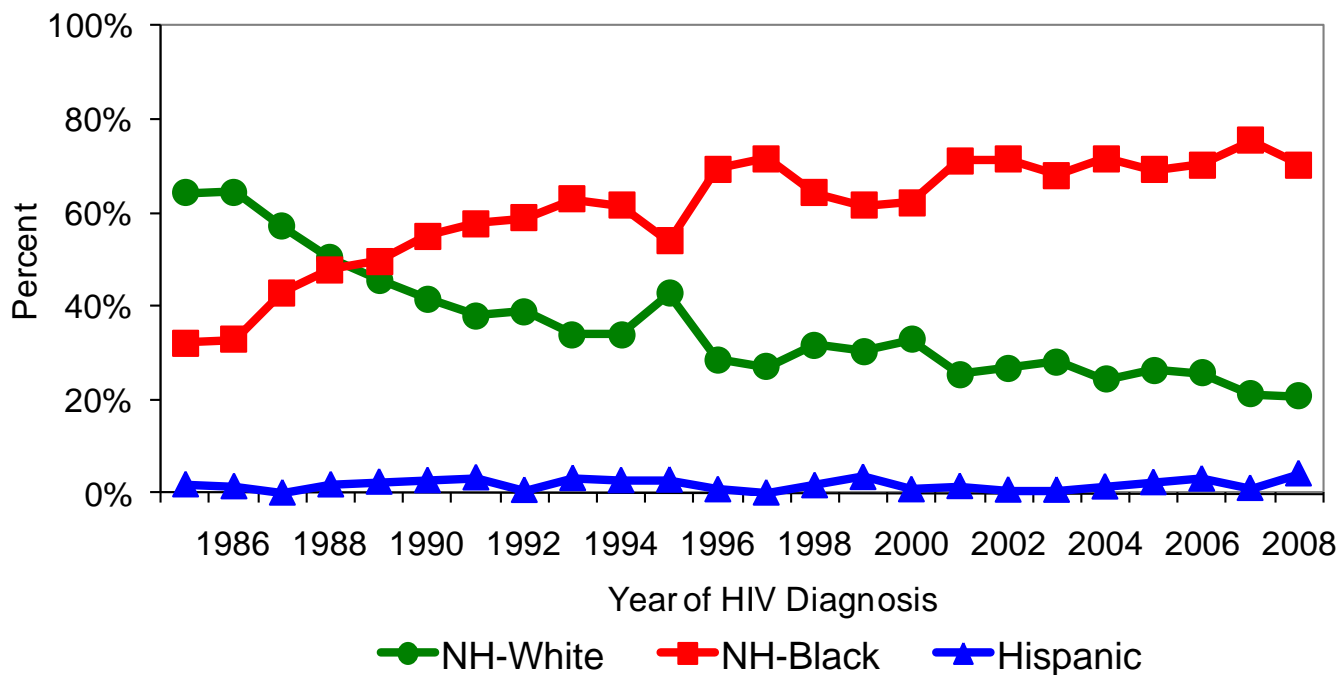
Section III – Trends in Reported HIV Diagnoses by Demographics and Exposure Category, 1985-2008

Proportions by Gender of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



YEAR	Reported HIV Diagnoses	Percent Male	Percent Female	YEAR	Reported HIV Diagnoses	Percent Male	Percent Female
1985	56	82.1	17.9	1997	141	63.1	36.9
1986	73	74.0	26.0	1998	126	61.9	38.1
1987	84	85.7	14.3	1999	148	70.9	29.1
1988	113	77.9	22.1	2000	140	65.7	34.3
1989	127	72.4	27.6	2001	142	64.8	35.2
1990	149	79.2	20.8	2002	157	56.7	43.3
1991	182	72.5	27.5	2003	163	61.3	38.7
1992	175	70.9	29.1	2004	152	63.8	36.2
1993	127	74.8	25.2	2005	178	62.9	37.1
1994	112	69.6	30.4	2006	198	62.1	37.9
1995	143	69.9	30.1	2007	199	62.8	37.2
1996	140	66.4	33.6	2008	216	65.7	34.3

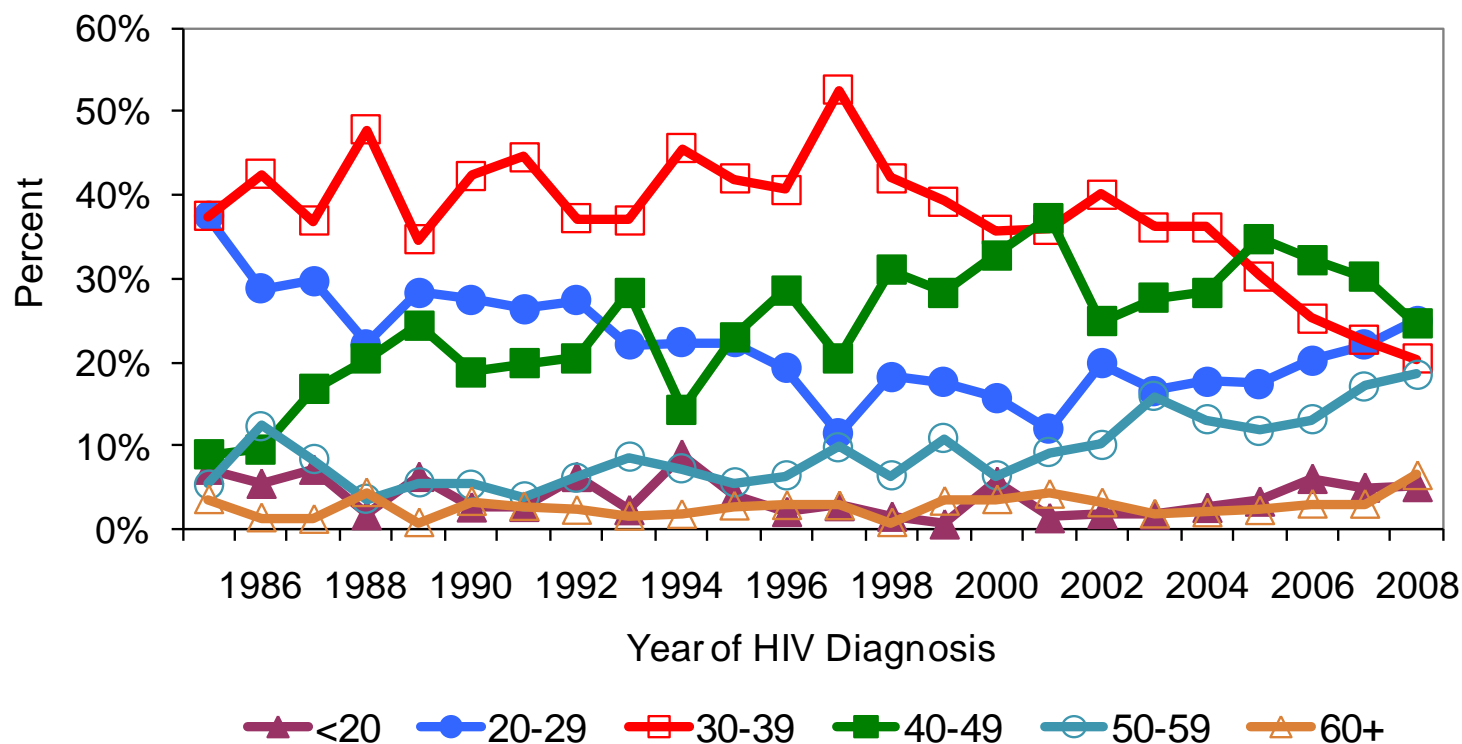
Proportions by Race/Ethnicity* of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



* Other race category not shown.

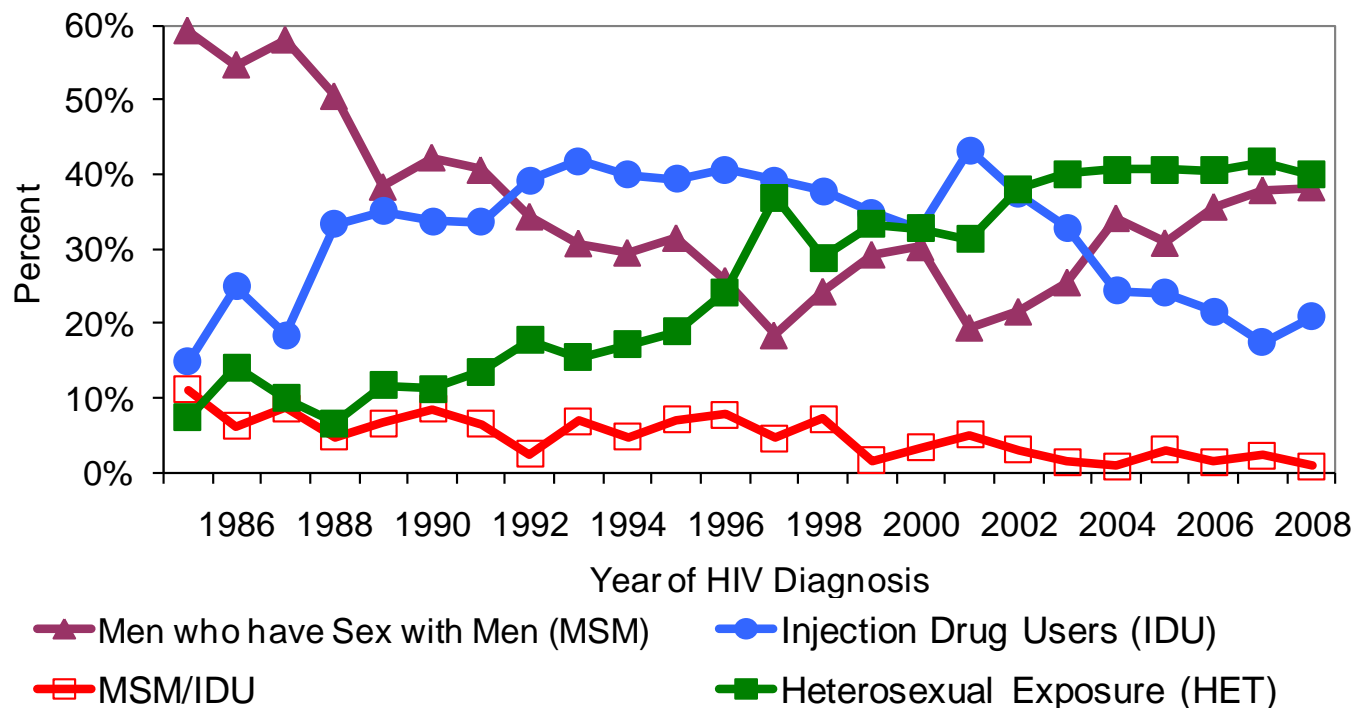
YEAR	Reported HIV Diagnoses	Percent Non-Hispanic White	Percent Non-Hispanic Black	Percent Hispanic	Percent Other
1985	56	64.3	32.1	1.8	1.8
1986	73	64.4	32.9	1.4	1.4
1987	84	57.1	42.9	0.0	0.0
1988	113	50.4	47.8	1.8	0.0
1989	127	45.7	49.6	2.4	2.4
1990	149	41.6	55.0	2.7	0.7
1991	182	37.9	57.7	3.3	1.1
1992	175	38.9	58.9	0.6	1.7
1993	127	33.9	63.0	3.1	0.0
1994	112	33.9	61.6	2.7	1.8
1995	143	42.7	53.8	2.8	0.7
1996	140	28.6	69.3	0.7	1.4
1997	141	27.0	71.6	0.0	1.4
1998	126	31.7	64.3	1.6	2.4
1999	148	30.4	61.5	3.4	4.7
2000	140	32.9	62.1	0.7	4.3
2001	142	25.4	71.1	1.4	2.1
2002	157	26.8	71.3	0.6	1.3
2003	163	28.2	68.1	0.6	3.1
2004	152	24.3	71.7	1.3	2.6
2005	178	26.4	69.1	2.2	2.2
2006	198	25.8	70.2	3.0	1.0
2007	199	21.1	75.4	1.0	2.5
2008	216	20.8	70.4	4.2	4.6

Proportions by Age at Diagnosis of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



YEAR	Reported HIV Diagnoses	Percent Age <20	Percent Age 20-29	Percent Age 30-39	Percent Age 40-49	Percent Age 50-59	Percent Age 60+
1985	56	7.1	37.5	37.5	8.9	5.4	3.6
1986	73	5.5	28.8	42.5	9.6	12.3	1.4
1987	84	7.1	29.8	36.9	16.7	8.3	1.2
1988	113	1.8	22.1	47.8	20.4	3.5	4.4
1989	127	6.3	28.3	34.6	24.4	5.5	0.8
1990	149	2.7	27.5	42.3	18.8	5.4	3.4
1991	182	2.7	26.4	44.5	19.8	3.8	2.7
1992	175	6.3	27.4	37.1	20.6	6.3	2.3
1993	127	2.4	22.0	37.0	28.3	8.7	1.6
1994	112	8.9	22.3	45.5	14.3	7.1	1.8
1995	143	4.2	22.4	42.0	23.1	5.6	2.8
1996	140	2.1	19.3	40.7	28.6	6.4	2.9
1997	141	2.8	11.3	52.5	20.6	9.9	2.8
1998	126	1.6	18.3	42.1	31.0	6.3	0.8
1999	148	0.7	17.6	39.2	28.4	10.8	3.4
2000	140	5.7	15.7	35.7	32.9	6.4	3.6
2001	142	1.4	12.0	35.9	37.3	9.2	4.2
2002	157	1.9	19.7	40.1	24.8	10.2	3.2
2003	163	1.8	16.6	36.2	27.6	16.0	1.8
2004	152	2.6	17.8	36.2	28.3	13.2	2.0
2005	178	3.4	17.4	30.3	34.8	11.8	2.2
2006	198	6.1	20.2	25.3	32.3	13.1	3.0
2007	199	5.0	22.1	22.6	30.2	17.1	3.0
2008	216	5.1	25.0	20.4	24.5	18.5	6.5

Proportions by Exposure Category* of Reported HIV Cases with or without an AIDS Diagnosis and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2008 as Reported by Name through 12/31/09



* Cases with no reported exposure category were excluded from percent distributions. Other exposure category not shown.

YEAR	Reported HIV Diagnoses	With Exposure Category	Percent MSM	Percent IDU	Percent MSM/IDU	Percent HET	Percent Other Exposure
1985	56	54	59.3	14.8	11.1	7.4	7.4
1986	73	64	54.7	25.0	6.3	14.1	0.0
1987	84	81	58.0	18.5	8.6	9.9	4.9
1988	113	105	50.5	33.3	4.8	6.7	4.8
1989	127	120	38.3	35.0	6.7	11.7	8.3
1990	149	142	42.3	33.8	8.5	11.3	4.2
1991	182	170	40.6	33.5	6.5	13.5	5.9
1992	175	163	34.4	39.3	2.5	17.8	6.1
1993	127	117	30.8	41.9	6.8	15.4	5.1
1994	112	105	29.5	40.0	4.8	17.1	8.6
1995	143	127	31.5	39.4	7.1	18.9	3.1
1996	140	128	25.8	40.6	7.8	24.2	1.6
1997	141	130	18.5	39.2	4.6	36.9	0.8
1998	126	111	24.3	37.8	7.2	28.8	1.8
1999	148	123	29.3	35.0	1.6	33.3	0.8
2000	140	119	30.3	32.8	3.4	32.8	0.8
2001	142	118	19.5	43.2	5.1	31.4	0.8
2002	157	134	21.6	37.3	3.0	38.1	0.0
2003	163	137	25.5	32.8	1.5	40.1	0.0
2004	152	123	34.1	24.4	0.8	40.7	0.0
2005	178	133	30.8	24.1	3.0	40.6	1.5
2006	198	143	35.7	21.7	1.4	40.6	0.7
2007	199	132	37.9	17.4	2.3	41.7	0.8
2008	216	115	38.3	20.9	0.9	40.0	0.0

Section IV – HIV and AIDS Cases by ZIP Code, Diagnoses during 2008

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/08-12/31/08 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/08-12/31/08 (Reported AIDS Diagnoses) as Reported by Name through 12/31/09

ZIP CODE OF RESIDENCE	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
21013	2,947	0	0.0%	0.0	0	0.0%	0.0
21030	24,310	6	2.8%	24.7	2	2.4%	8.2
21031	62	***	***	***	***	***	***
21043	647	***	***	***	***	***	***
21051	73	***	***	***	***	***	***
21052	380	***	***	***	***	***	***
21053	2,966	0	0.0%	0.0	1	1.2%	33.7
21057	4,316	1	0.5%	23.2	0	0.0%	0.0
21071	442	***	***	***	***	***	***
21074	1,047	0	0.0%	0.0	0	0.0%	0.0
21082	863	***	***	***	***	***	***
21085	28	***	***	***	***	***	***
21087	4,768	0	0.0%	0.0	0	0.0%	0.0
21093	35,912	5	2.3%	13.9	2	2.4%	5.6
21102	699	***	***	***	***	***	***
21104	157	***	***	***	***	***	***
21105	83	***	***	***	***	***	***
21111	4,481	0	0.0%	0.0	0	0.0%	0.0
21117	43,131	14	6.5%	32.5	4	4.7%	9.3
21120	6,835	1	0.5%	14.6	0	0.0%	0.0
21128	6,981	3	1.4%	43.0	2	2.4%	28.6
21131	7,979	0	0.0%	0.0	0	0.0%	0.0
21133	29,711	19	8.9%	63.9	7	8.2%	23.6
21136	30,464	7	3.3%	23.0	3	3.5%	9.8
21152	5,310	0	0.0%	0.0	0	0.0%	0.0
21155	2,174	0	0.0%	0.0	0	0.0%	0.0
21156	472	***	***	***	***	***	***
21161	2,519	0	0.0%	0.0	0	0.0%	0.0
21162	2,998	1	0.5%	33.4	0	0.0%	0.0
21163	2,067	0	0.0%	0.0	0	0.0%	0.0
21204	20,994	8	3.7%	38.1	4	4.7%	19.1
21206	11,229	7	3.3%	62.3	5	5.9%	44.5
21207	34,584	10	4.7%	28.9	2	2.4%	5.8
21208	31,138	5	2.3%	16.1	1	1.2%	3.2
21209	12,986	1	0.5%	7.7	0	0.0%	0.0
21210	918	***	***	***	***	***	***
21212	11,344	2	0.9%	17.6	0	0.0%	0.0
21215	2,702	7	3.3%	259.1	4	4.7%	148.0
21219	9,559	0	0.0%	0.0	0	0.0%	0.0
21220	38,069	11	5.1%	28.9	2	2.4%	5.3
21221	44,335	16	7.5%	36.1	3	3.5%	6.8
21222	55,821	12	5.6%	21.5	5	5.9%	9.0
21224	8,766	4	1.9%	45.6	4	4.7%	45.6
21227	34,616	5	2.3%	14.4	4	4.7%	11.6
21228	50,293	11	5.1%	21.9	6	7.1%	11.9
21229	7,083	5	2.3%	70.6	1	1.2%	14.1
21234	63,120	13	6.1%	20.6	9	10.6%	14.3
21236	39,184	7	3.3%	17.9	1	1.2%	2.6
21237	26,418	7	3.3%	26.5	2	2.4%	7.6
21239	5,133	2	0.9%	39.0	2	2.4%	39.0
21244	32,948	20	9.3%	60.7	9	10.6%	27.3
21286	19,556	3	1.4%	15.3	0	0.0%	0.0

Missing ^d		2			1		
BALTIMORE COUNTY TOTAL	785,618	216	100.0%	27.5	86	100.0%	10.9

- a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2008 Census Population Estimates by county
- b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years
- c Rate is number of cases per 100,000 population
- d Cases with missing ZIP codes were excluded from percent distribution

*** Data withheld due to low population and/or case counts

Section V – HIV and AIDS Cases by ZIP Code, Alive on 12/31/2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

ZIP CODE OF RESIDENCE	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
21013	2,947	1	0.1%	33.9	0	0.0%	0.0	1	0.0%	33.9	2,947
21030	24,310	19	2.1%	78.2	29	2.3%	119.3	48	2.2%	197.4	506
21031	62	***	***	***	***	***	***	***	***	***	***
21043	647	***	***	***	***	***	***	***	***	***	***
21051	73	***	***	***	***	***	***	***	***	***	***
21052	380	***	***	***	***	***	***	***	***	***	***
21053	2,966	1	0.1%	33.7	4	0.3%	134.9	5	0.2%	168.6	593
21057	4,316	3	0.3%	69.5	0	0.0%	0.0	3	0.1%	69.5	1,438
21071	442	***	***	***	***	***	***	***	***	***	***
21074	1,047	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21082	863	***	***	***	***	***	***	***	***	***	***
21085	28	***	***	***	***	***	***	***	***	***	***
21087	4,768	1	0.1%	21.0	2	0.2%	41.9	3	0.1%	62.9	1,589
21093	35,912	9	1.0%	25.1	19	1.5%	52.9	28	1.3%	78.0	1,282
21102	699	***	***	***	***	***	***	***	***	***	***
21104	157	***	***	***	***	***	***	***	***	***	***
21105	83	***	***	***	***	***	***	***	***	***	***
21111	4,481	2	0.2%	44.6	1	0.1%	22.3	3	0.1%	66.9	1,493
21117	43,131	55	6.0%	127.5	70	5.5%	162.3	125	5.7%	289.8	345
21120	6,835	2	0.2%	29.3	1	0.1%	14.6	3	0.1%	43.9	2,278
21128	6,981	5	0.5%	71.6	5	0.4%	71.6	10	0.5%	143.2	698
21131	7,979	3	0.3%	37.6	4	0.3%	50.1	7	0.3%	87.7	1,139
21133	29,711	70	7.7%	235.6	112	8.8%	377.0	182	8.3%	612.6	163
21136	30,464	31	3.4%	101.8	24	1.9%	78.8	55	2.5%	180.5	553
21152	5,310	2	0.2%	37.7	4	0.3%	75.3	6	0.3%	113.0	885
21155	2,174	1	0.1%	46.0	0	0.0%	0.0	1	0.0%	46.0	2,174
21156	472	***	***	***	***	***	***	***	***	***	***
21161	2,519	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
21162	2,998	1	0.1%	33.4	1	0.1%	33.4	2	0.1%	66.7	1,499
21163	2,067	2	0.2%	96.8	2	0.2%	96.8	4	0.2%	193.5	516
21204	20,994	28	3.1%	133.4	20	1.6%	95.3	48	2.2%	228.6	437
21206	11,229	13	1.4%	115.8	18	1.4%	160.3	31	1.4%	276.1	362
21207	34,584	54	5.9%	156.1	124	9.8%	358.5	178	8.2%	514.7	194
21208	31,138	40	4.4%	128.5	64	5.0%	205.5	104	4.8%	334.0	299
21209	12,986	4	0.4%	30.8	9	0.7%	69.3	13	0.6%	100.1	998
21210	918	***	***	***	***	***	***	***	***	***	***
21212	11,344	4	0.4%	35.3	5	0.4%	44.1	9	0.4%	79.3	1,260
21215	2,702	20	2.2%	740.2	16	1.3%	592.2	36	1.7%	1,332.3	75
21219	9,559	6	0.7%	62.8	14	1.1%	146.5	20	0.9%	209.2	477
21220	38,069	50	5.5%	131.3	51	4.0%	134.0	101	4.6%	265.3	376
21221	44,335	88	9.6%	198.5	95	7.5%	214.3	183	8.4%	412.8	242
21222	55,821	74	8.1%	132.6	104	8.2%	186.3	178	8.2%	318.9	313
21224	8,766	7	0.8%	79.9	17	1.3%	193.9	24	1.1%	273.8	365
21227	34,616	26	2.9%	75.1	61	4.8%	176.2	87	4.0%	251.3	397
21228	50,293	34	3.7%	67.6	72	5.7%	143.2	106	4.9%	210.8	474
21229	7,083	8	0.9%	112.9	14	1.1%	197.7	22	1.0%	310.6	321
21234	63,120	75	8.2%	118.8	93	7.3%	147.3	168	7.7%	266.2	375
21236	39,184	22	2.4%	56.1	25	2.0%	63.8	47	2.2%	119.9	833
21237	26,418	31	3.4%	117.3	45	3.5%	170.3	76	3.5%	287.7	347
21239	5,133	8	0.9%	155.9	4	0.3%	77.9	12	0.6%	233.8	427
21244	32,948	97	10.6%	294.4	120	9.5%	364.2	217	9.9%	658.6	151

21286	19,556	12	1.3%	61.4	15	1.2%	76.7	27	1.2%	138.1	724
Missing ^d		13			11			24			
BALTIMORE COUNTY TOTAL	785,618	925	100.0%	117.7	1,280	100.0%	162.9	2,205	100.0%	280.7	356

a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2008 Census Population Estimates by county

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 356 people in Baltimore County)

e Cases with missing ZIP codes were excluded from percent distributions

*** Data withheld due to low population and/or case counts

Section VI – HIV and AIDS Case by Demographics, Diagnoses during 2008

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/08-12/31/08 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/08-12/31/08 (Reported AIDS Diagnoses) as Reported by Name through 12/31/09

GENDER	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
Male	373,690	142	65.7%	38.0	54	62.8%	14.5
Female	411,928	74	34.3%	18.0	32	37.2%	7.8
GENDER TOTAL	785,618	216	100.0%	27.5	86	100.0%	10.9

RACE/ETHNICITY	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	%	Rate ^c
Non-Hispanic White	520,358	45	20.8%	8.6	17	19.8%	3.3
Non-Hispanic Black	194,562	152	70.4%	78.1	63	73.3%	32.4
Hispanic	24,528	9	4.2%	36.7	2	2.3%	8.2
Other	46,170	10	4.6%	21.7	4	4.7%	8.7
RACE/ETHNICITY TOTAL	785,618	216	100.0%	27.5	86	100.0%	10.9

AGE AT DIAGNOSIS	Population ^a	Reported HIV Diagnoses ^b			Reported AIDS Diagnoses		
	No.	No.	%	Rate ^c	No.	No.	Rate ^c
<5 (Pediatric)	47,568	0	0.0%	0.0	0	0.0%	0.0
5-12 (Pediatric)	75,616	0	0.0%	0.0	0	0.0%	0.0
13-19	75,410	11	5.1%	14.6	1	1.2%	1.3
20-29	102,571	54	25.0%	52.6	11	12.8%	10.7
30-39	101,692	44	20.4%	43.3	20	23.3%	19.7
40-49	118,475	53	24.5%	44.7	28	32.6%	23.6
50-59	109,837	40	18.5%	36.4	16	18.6%	14.6
60+	154,449	14	6.5%	9.1	10	11.6%	6.5
AGE TOTAL	785,618	216	100.0%	27.5	86	100.0%	10.9

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

c Rate is number of cases per 100,000 population

Section VII – HIV and AIDS Cases by Demographics, Alive on 12/31/2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

GENDER	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
Male	373,690	559	60.4%	149.6	846	66.1%	226.4	1,405	63.7%	376.0	265
Female	411,928	366	39.6%	88.9	434	33.9%	105.4	800	36.3%	194.2	514
GENDER TOTAL	785,618	925	100.0%	117.7	1,280	100.0%	162.9	2,205	100.0%	280.7	356

RACE/ ETHNICITY	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
Non-Hispanic White	520,358	271	29.3%	52.1	377	29.5%	72.5	648	29.4%	124.5	803
Non-Hispanic Black	194,562	614	66.4%	315.6	844	65.9%	433.8	1,458	66.1%	749.4	133
Hispanic	24,528	19	2.1%	77.5	29	2.3%	118.2	48	2.2%	195.7	511
Other	46,170	21	2.3%	45.5	30	2.3%	65.0	51	2.3%	110.5	905
RACE/ ETHNICITY TOTAL	785,618	925	100.0%	117.7	1,280	100.0%	162.9	2,205	100.0%	280.7	356

AGE ON 12/31/08	Popu- lation ^a	Living HIV Cases without AIDS ^b			Living HIV Cases with AIDS			Total Living HIV Cases ^b			
	No.	No.	%	Rate ^c	No.	%	Rate ^c	No.	%	Rate ^c	Ratio ^d (1 in X)
<5 (Pediatric)	47,568	3	0.3%	6.3	0	0.0%	0.0	3	0.1%	6.3	15,856
5-12 (Pediatric)	75,616	2	0.2%	2.6	0	0.0%	0.0	2	0.1%	2.6	37,808
13-19	75,410	30	3.2%	39.8	7	0.5%	9.3	37	1.7%	49.1	2,038
20-29	102,571	162	17.5%	157.9	62	4.8%	60.4	224	10.2%	218.4	457
30-39	101,692	196	21.2%	192.7	233	18.2%	229.1	429	19.5%	421.9	237
40-49	118,475	293	31.7%	247.3	545	42.6%	460.0	838	38.0%	707.3	141
50-59	109,837	181	19.6%	164.8	324	25.3%	295.0	505	22.9%	459.8	217
60+	154,449	58	6.3%	37.6	109	8.5%	70.6	167	7.6%	108.1	924
AGE TOTAL	785,618	925	100.0%	117.7	1,280	100.0%	162.9	2,205	100.0%	280.7	356

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 356 people in Baltimore County)

Section VIII –HIV and AIDS Cases by Expanded Demographics, Alive on 12/31/2008

Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

MALES						
AGE ON 12/31/08		RACE/ETHNICITY				TOTAL MALES BY AGE
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population ^a	35,047	19,518	3,092	5,196	62,853
	Cases ^b	***	***	0	0	2
	Rate ^c	***	***	0.0	0.0	3.2
	Ratio (1 in X) ^d	***	***	---	---	31,426
13-19	Population ^a	23,246	11,207	1,246	2,250	37,949
	Cases ^b	***	***	0	0	18
	Rate ^c	***	***	0.0	0.0	47.4
	Ratio (1 in X) ^d	***	***	---	---	2,108
20-29	Population ^a	31,343	13,459	2,312	3,090	50,204
	Cases ^b	27	105	***	***	142
	Rate ^c	86.1	780.1	***	***	282.8
	Ratio (1 in X) ^d	1,160	128	***	***	353
30-39	Population ^a	28,300	13,284	2,729	4,149	48,462
	Cases ^b	75	137	***	***	228
	Rate ^c	265.0	1,031.3	***	***	470.5
	Ratio (1 in X) ^d	377	96	***	***	212
40-49	Population ^a	37,996	13,696	1,669	3,254	56,615
	Cases ^b	198	328	***	***	548
	Rate ^c	521.1	2,394.9	***	***	967.9
	Ratio (1 in X) ^d	191	41	***	***	103
50-59	Population ^a	39,005	9,743	893	2,256	51,897
	Cases ^b	113	215	***	***	353
	Rate ^c	289.7	2,206.7	***	***	680.2
	Ratio (1 in X) ^d	345	45	***	***	147
60+	Population ^a	53,947	8,410	873	2,480	65,710
	Cases ^b	55	58	***	***	114
	Rate ^c	102.0	689.7	***	***	173.5
	Ratio (1 in X) ^d	980	145	***	***	576
TOTAL MALES BY RACE/ ETHNICITY	Population ^a	248,884	89,317	12,814	22,675	373,690
	Cases ^b	472	859	37	37	1,405
	Rate ^c	189.6	961.7	288.7	163.2	376.0
	Ratio (1 in X) ^d	527	103	346	612	265

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 265 males in Baltimore County)

*** Data withheld due to low population and/or case counts

Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

FEMALES						
AGE ON 12/31/08		RACE/ETHNICITY				TOTAL FEMALES BY AGE
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population ^a	33,310	18,921	3,000	5,100	42,836
	Cases ^b	***	***	0	0	3
	Rate ^c	***	***	0.0	0.0	7.0
	Ratio (1 in X) ^d	***	***	---	---	14,278
13-19	Population ^a	22,780	11,362	1,111	2,208	23,696
	Cases ^b	***	***	0	0	19
	Rate ^c	***	***	0.0	0.0	80.2
	Ratio (1 in X) ^d	***	***	---	---	1,247
20-29	Population ^a	31,111	15,691	1,940	3,625	31,699
	Cases ^b	14	62	***	***	82
	Rate ^c	45.0	395.1	***	***	258.7
	Ratio (1 in X) ^d	2,222	253	***	***	386
30-39	Population ^a	29,749	17,169	2,186	4,126	34,276
	Cases ^b	53	139	***	***	201
	Rate ^c	178.2	809.6	***	***	586.4
	Ratio (1 in X) ^d	561	123	***	***	170
40-49	Population ^a	40,032	16,967	1,495	3,366	42,606
	Cases ^b	62	222	***	***	290
	Rate ^c	154.9	1,308.4	***	***	680.7
	Ratio (1 in X) ^d	645	76	***	***	146
50-59	Population ^a	41,681	13,038	882	2,339	36,191
	Cases ^b	32	116	***	***	152
	Rate ^c	76.8	889.7	***	***	420.0
	Ratio (1 in X) ^d	1,302	112	***	***	238
60+	Population ^a	72,811	12,097	1,100	2,731	47,045
	Cases ^b	13	40	***	***	53
	Rate ^c	17.9	330.7	***	***	112.7
	Ratio (1 in X) ^d	5,600	302	***	***	887
TOTAL FEMALES BY RACE/ ETHNICITY	Population ^a	271,474	105,245	11,714	23,495	411,928
	Cases ^b	176	599	11	14	800
	Rate ^c	64.8	569.1	93.9	59.6	194.2
	Ratio (1 in X) ^d	1,542	175	1,064	1,678	514

a Population is from the July 1, 2008 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 514 females in Baltimore County)

*** Data withheld due to low population and/or case counts

Section IX – HIV and AIDS Cases by Exposure Category, Age, and Gender, Diagnoses during 2008

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/08-12/31/08 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/08-12/31/08 (Reported AIDS Diagnoses) as Reported by Name through 12/31/09

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	44	38.3%	12	21.4%
Injection Drug Users (IDU)	24	20.9%	24	42.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	1	0.9%	0	0.0%
Heterosexual Exposure (HET)	46	40.0%	20	35.7%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure ^b	101		30	
TOTAL	216	100.0%	86	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	44	57.1%	12	31.6%
Injection Drug Users (IDU)	***	***	19	50.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	0	0.0%
Heterosexual Exposure (HET)	***	***	7	18.4%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure ^b	65		16	
TOTAL ADULT/ADOLESCENT MALES	142	100.0%	54	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Reported HIV Diagnoses ^a		Reported AIDS Diagnoses	
	No.	%	No.	%
Injection Drug Users (IDU)	***	***	5	27.8%
Heterosexual Exposure (HET)	***	***	13	72.2%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure ^b	36		14	
TOTAL ADULT/ADOLESCENT FEMALES	74	100.0%	32	100.0%

a During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

b Cases with no reported exposure category were excluded from percent distributions

*** Data withheld due to low population and/or case counts

Section X – Living HIV and AIDS Cases by Exposure Category, Age, and Gender, Alive on 12/31/2008

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/08 as Reported by Name through 12/31/09

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	223	33.5%	338	30.2%	561	31.4%
Injection Drug Users (IDU)	169	25.4%	367	32.8%	536	30.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	2.6%	49	4.4%	66	3.7%
Heterosexual Exposure (HET)	235	35.3%	349	31.2%	584	32.7%
Other Exposures	21	3.2%	17	1.5%	38	2.1%
No Reported Exposure ^b	260		160		420	
TOTAL	925	100.0%	1,280	100.0%	2,205	100.0%

ADULT/ADOLESCENT (AGE 13+ ON 12/31/08) MALES EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	223	54.7%	338	45.3%	561	48.6%
Injection Drug Users (IDU)	94	23.0%	219	29.4%	313	27.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	17	4.2%	49	6.6%	66	5.7%
Heterosexual Exposure (HET)	66	16.2%	129	17.3%	195	16.9%
Other Exposures	8	2.0%	11	1.5%	19	1.6%
No Reported Exposure ^b	149		100		249	
TOTAL ADULT/ADOLESCENT MALES	557	100.0%	846	100.0%	1,403	100.0%

ADULT/ADOLESCENT (AGE 13+ ON 12/31/08) FEMALES EXPOSURE CATEGORY	Living HIV Cases without AIDS ^a		Living HIV Cases with AIDS		Total Living HIV Cases	
	No.	%	No.	%	No.	%
Injection Drug Users (IDU)	75	29.6%	148	39.6%	223	35.6%
Heterosexual Exposure (HET)	169	66.8%	220	58.8%	389	62.0%
Other Exposures	9	3.6%	6	1.6%	15	2.4%
No Reported Exposure ^b	110		60		170	
TOTAL ADULT/ADOLESCENT FEMALES	363	100.0%	434	100.0%	797	100.0%

a During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS is lower than previously reported

b Cases with no reported exposure category were excluded from percent distributions